



# The 22<sup>nd</sup> Hiroshima International Symposium on Synchrotron Radiation

Progress in Materials and Biomolecular Sciences with VUV-SX Synchrotron Radiation

March 8<sup>th</sup> - 9<sup>th</sup>, 2018

Faculty Club 2F, Hiroshima University

Hiroshima Synchrotron Radiation Center, Hiroshima University (HiSOR) <http://www.hsrc.hiroshima-u.ac.jp>

## March 8<sup>th</sup> (Thursday)

- Opening** **Chairperson: H. Namatame** 9:30~10:00  
 Yohsuke Yamamoto *Vice President, Hiroshima University, Japan*  
 Kenya Shimada *Director of Hiroshima Synchrotron Radiation Center, Hiroshima University, Japan*  
 "Overview of HiSOR Activities"
- Symposium Photo** 10:00~10:25
- Oral Session 1 (Spin-Resolved Photoemission Spectroscopy)** **Chairperson: K. Miyamoto** 10:25~11:15  
 Prof. Shan Qiao *Chinese Academy of Sciences, China*  
 "Image type Spin-resolved PES and related studies"  
 Prof. Taichi Okuda *Hiroshima University, Japan*  
 "Spin-resolved photoelectron spectroscopy at HiSOR, present status and future prospect"
- Flash Poster Session** **Chairperson: T. Okuda** 11:15~12:15
- Lunch** 12:15~14:00
- Poster Session (Activities at HiSOR)** **Chairperson: H. Sato** 14:00~15:30  
 We will present the Best Student Poster Award. The winner will be announced during the welcome reception.
- Oral Session 2 (VUV-CD Spectroscopy of Biomaterials)** **Chairperson: Y. Izumi** 15:30~16:20  
 Dr. Frank Wien *Synchrotron SOLEIL, France*  
 "Synchrotron Radiation Circular Dichroism @ DISCO"  
 Prof. Koichi Matsuo *Hiroshima University, Japan*  
 "Present status and future prospect of HiSOR-VUVCD spectrophotometer for characterizing biomolecule structures in solution"
- Coffee Break** 16:20~16:40
- Oral Session 3 (Soft X-Ray MCD of Surface Nano Structures)** **Chairperson: B. Feng** 16:40~17:30  
 Prof. Nikolai Sokolov *Ioffe Physical-Technical Institute, Russia*  
 "Magnetic Properties of the Heterostructures with Yttrium Iron Garnet Epitaxial Nanolayers"  
 Prof. Masahiro Sawada *Hiroshima University, Japan*  
 "Magnetic Surface Nanostructures Studied by Soft X-ray Magnetic Circular Dichroism at HiSOR-BL14"
- Welcome Reception Saijo Hakuwa Hotel** 18:30~20:30

## March 9<sup>th</sup> (Friday)

- Oral Session 4 (Light Sources)** **Chairperson: S. Matsuba** 9:30~10:20  
 Prof. Søren Pape Møller *Center for Storage Ring Facilities, Aarhus University, Denmark*  
 "Status of the Small Low-Emittance Storage Ring ASTRID2"  
 Prof. Keigo Kawase *Hiroshima University, Japan*  
 "Design Study for Future Upgrading of HiSOR Light Source"
- Coffee Break** 10:20~10:40
- Oral Session 5 (High-Resolution Photoemission Spectroscopy)** **Chairperson: K. Shimada** 10:40~12:00  
 Prof. Alexander Grüneis *University of Cologne, Germany*  
 "Electronic structure control of black phosphorous and tin selenide"  
 Dr. Boris Senkovskiy *University of Cologne, Germany*  
 "Atomically precise graphene nanoribbons and their chemical functionalization: a combined ARPES and in-situ UHV Raman study"  
 Prof. Eike F. Schwier *Hiroshima University, Japan*  
 "Present status and future plan of high-resolution ARPES at HiSOR"
- Closing** 12:00~12:10

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